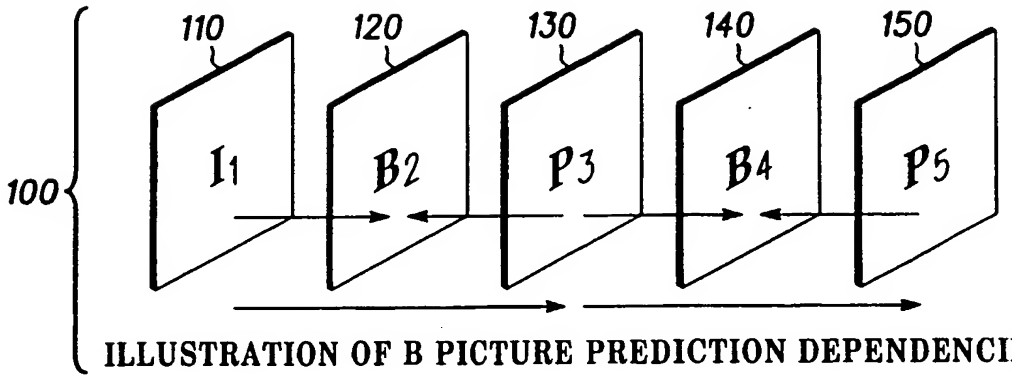
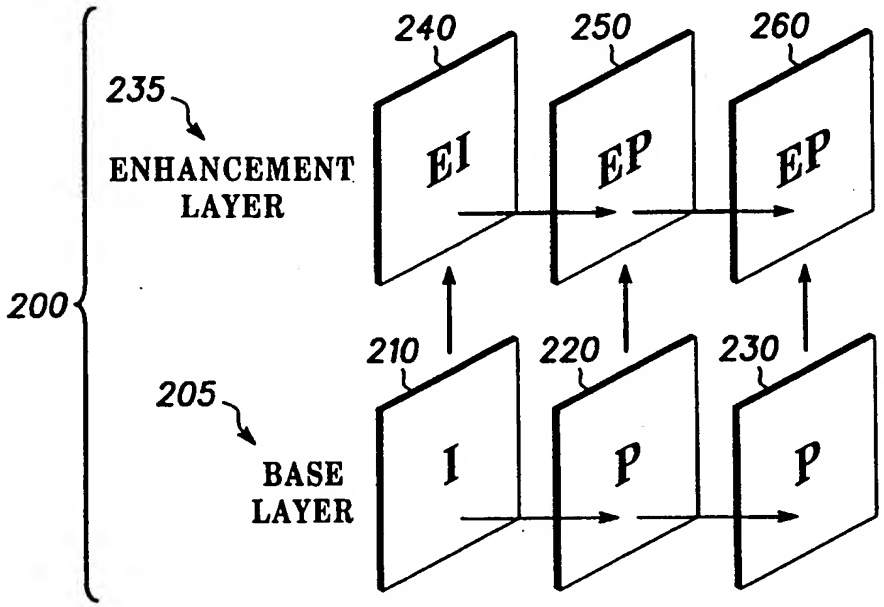
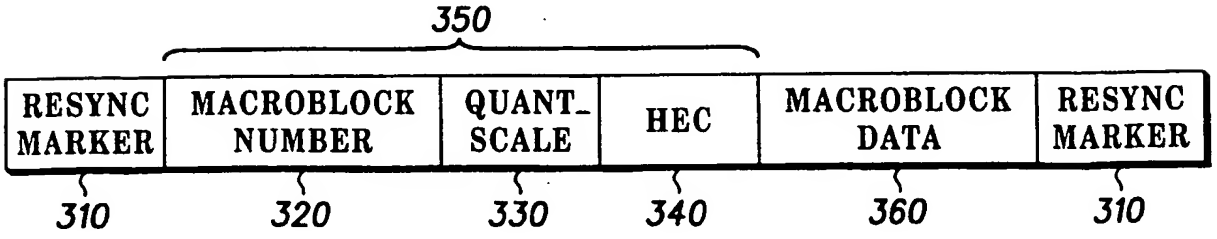


- PRIOR ART - FIG. 1

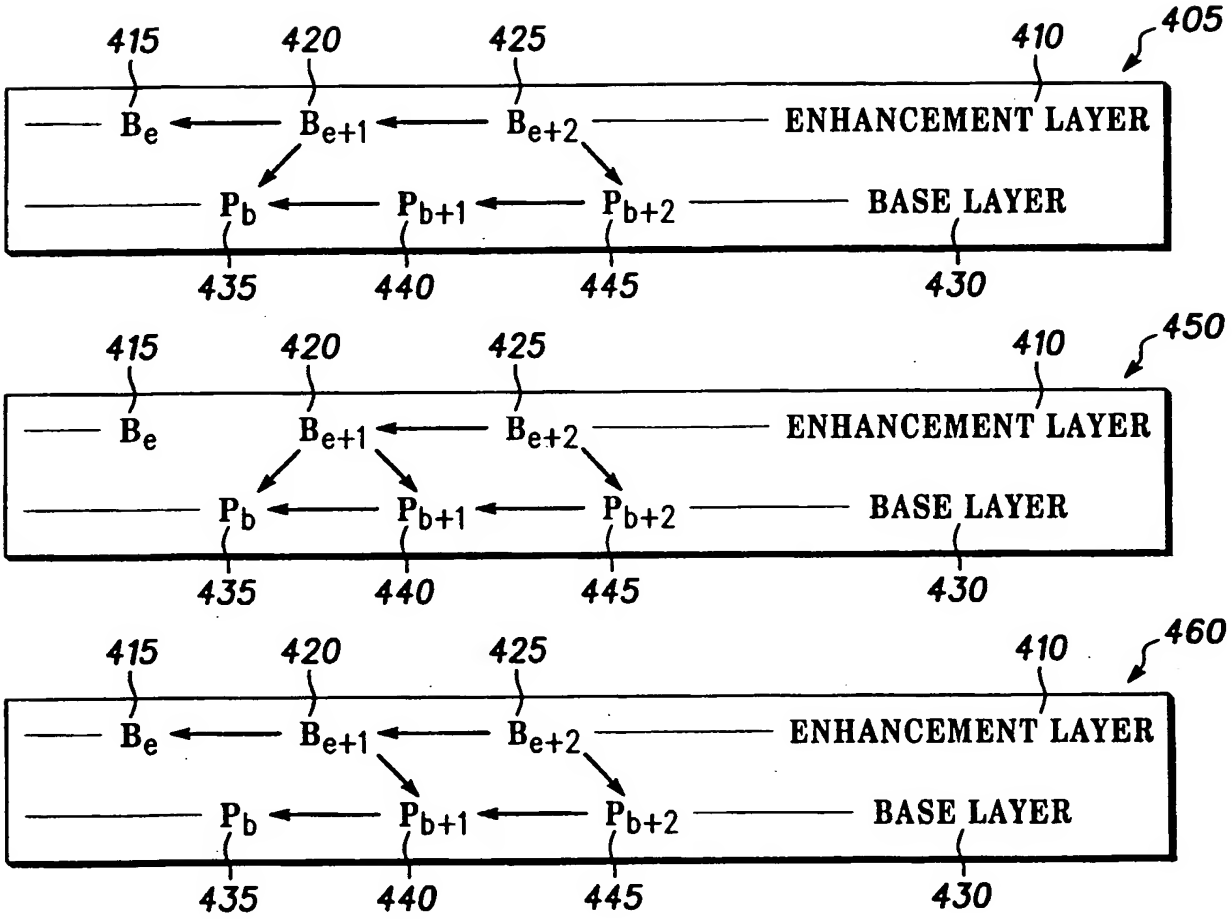


- PRIOR ART - FIG. 2



- PRIOR ART - FIG. 3

Best Available Copy



- PRIOR ART - FIG. 4

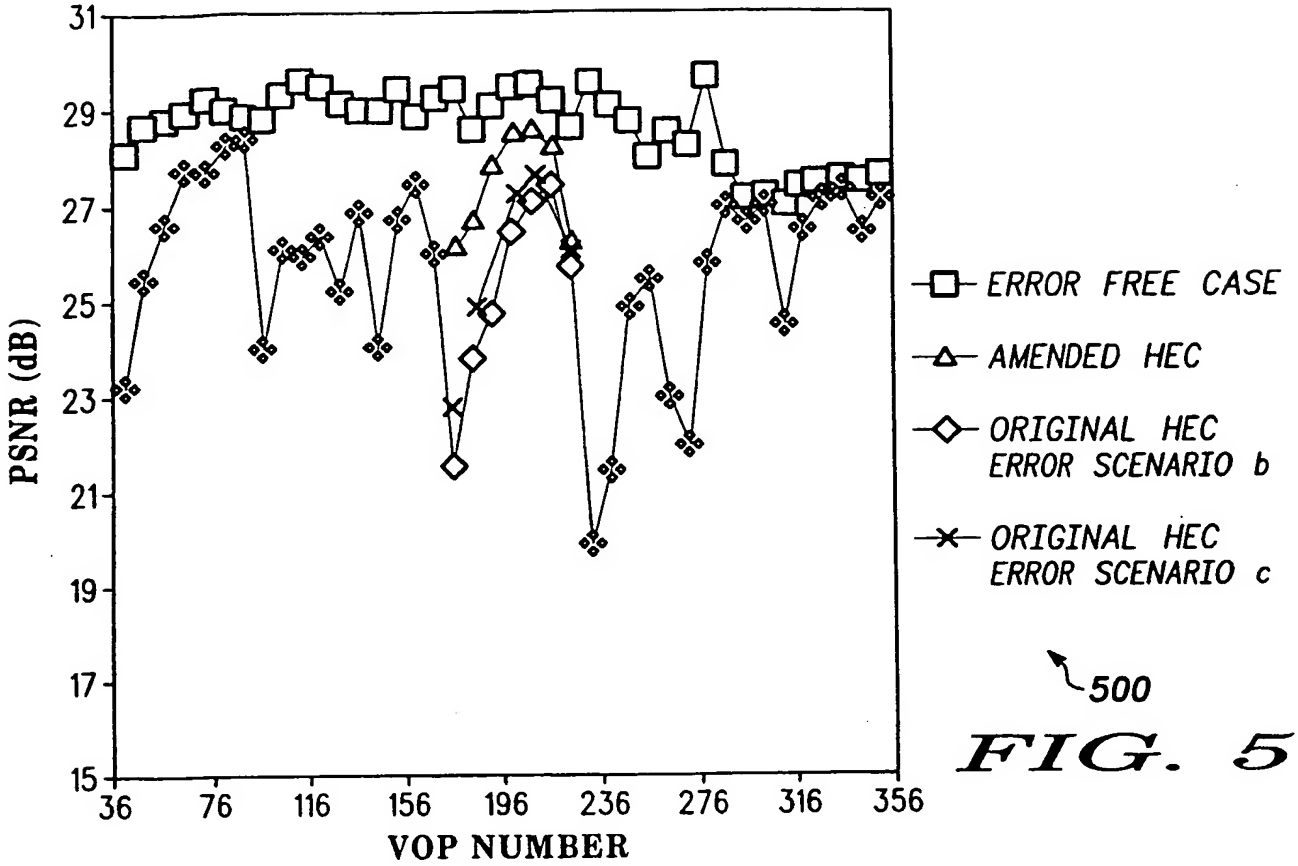

PSNR (dB)
VOP NUMBER
31
29
27
25
23
21
19
17
15
36
76
116
156
196
236
276
316
356
ERROR FREE CASE
AMENDED HEC
ORIGINAL HEC ERROR SCENARIO b
ORIGINAL HEC ERROR SCENARIO c
500

FIG. 5

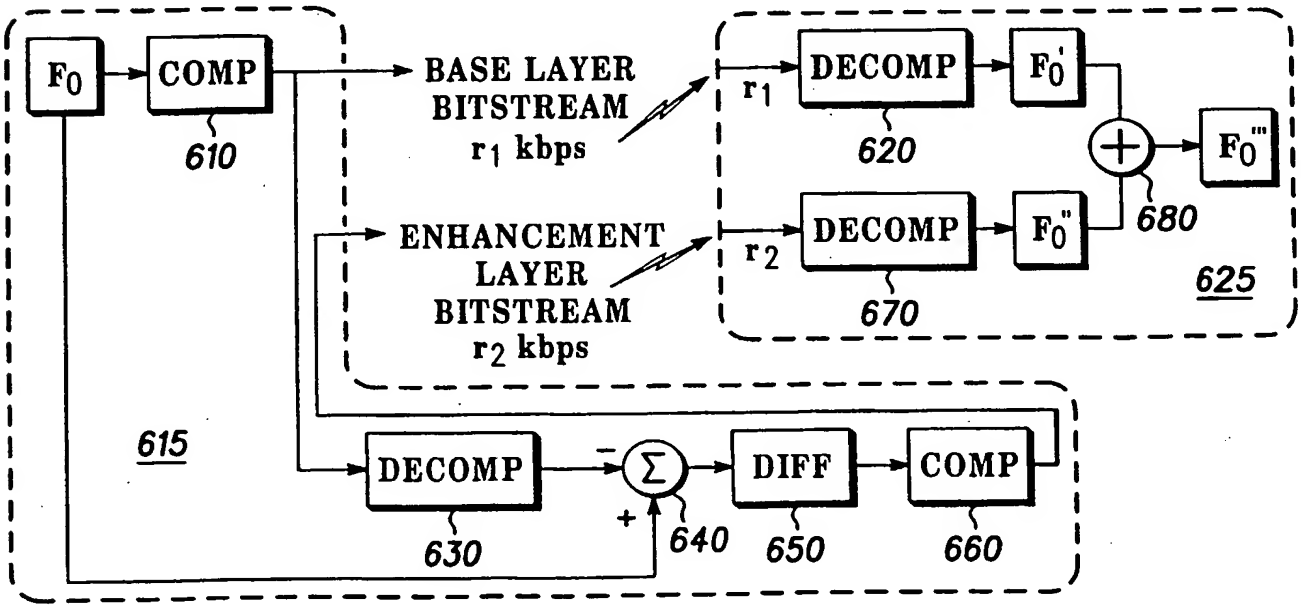

F0
COMP
610
BASE LAYER BITSTREAM r1 kbps
ENHANCEMENT LAYER BITSTREAM r2 kbps
r1
DECOMP
620
F0'
F0'''
680
r2
DECOMP
670
F0''
625
615
DECOMP
630
Σ
640
DIFF
650
COMP
660

FIG. 6

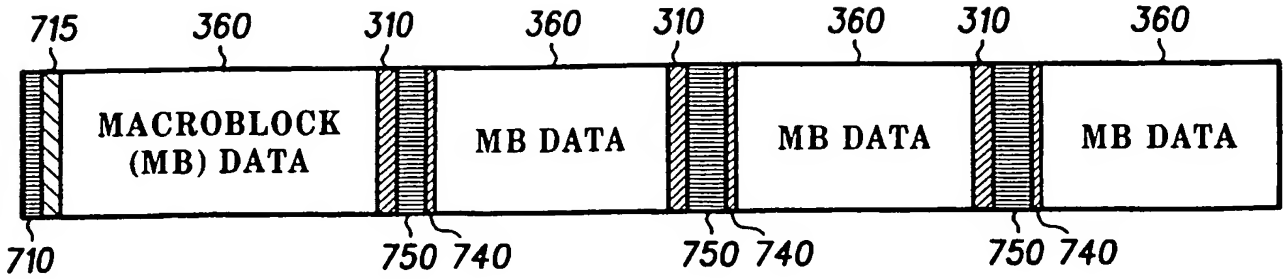
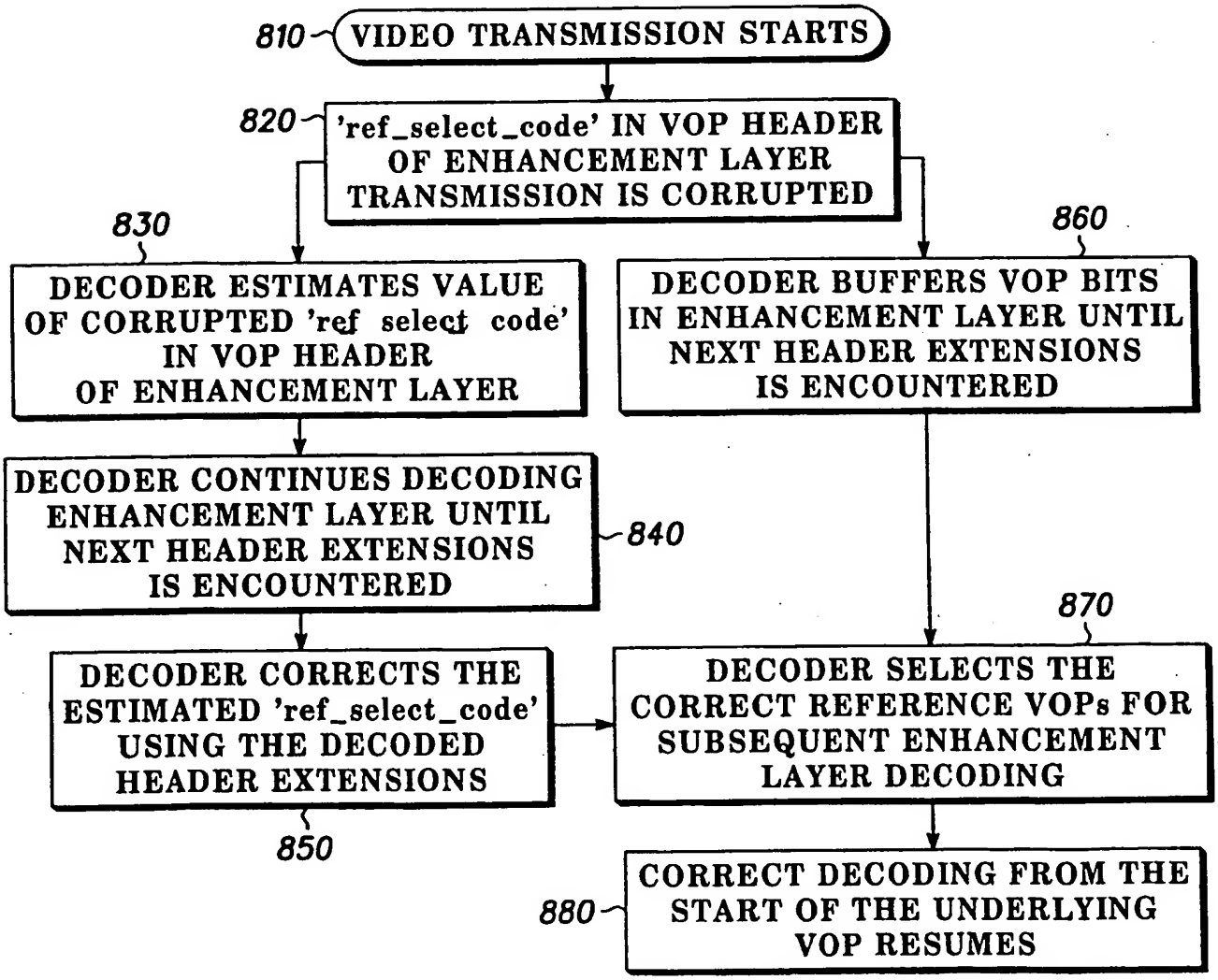


FIG. 7 700



800

FIG. 8

From:

```
video_packet_header ()
{
   next_resync_marker ()
   resync_marker
   header_extension_code
   if (header_extension_code) {
      do {
         modulo_time_base
      } while (modulo_time_base != '0')
      marker_bit
      vop_time_increment
      marker_bit
      vop_coding_type
   }
}
```

To:

```
video_packet_header ()
{
   next_resync_marker ()
   resync_marker
   header_extension_code
   if (header_extension_code) {
      do {
         modulo_time_base
      } while (modulo_time_base != '0')
      marker_bit
      vop_time_increment
      marker_bit
      vop_coding_type
         if (scalability)
   }        ref_select_code
}
```

FIG. 9

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